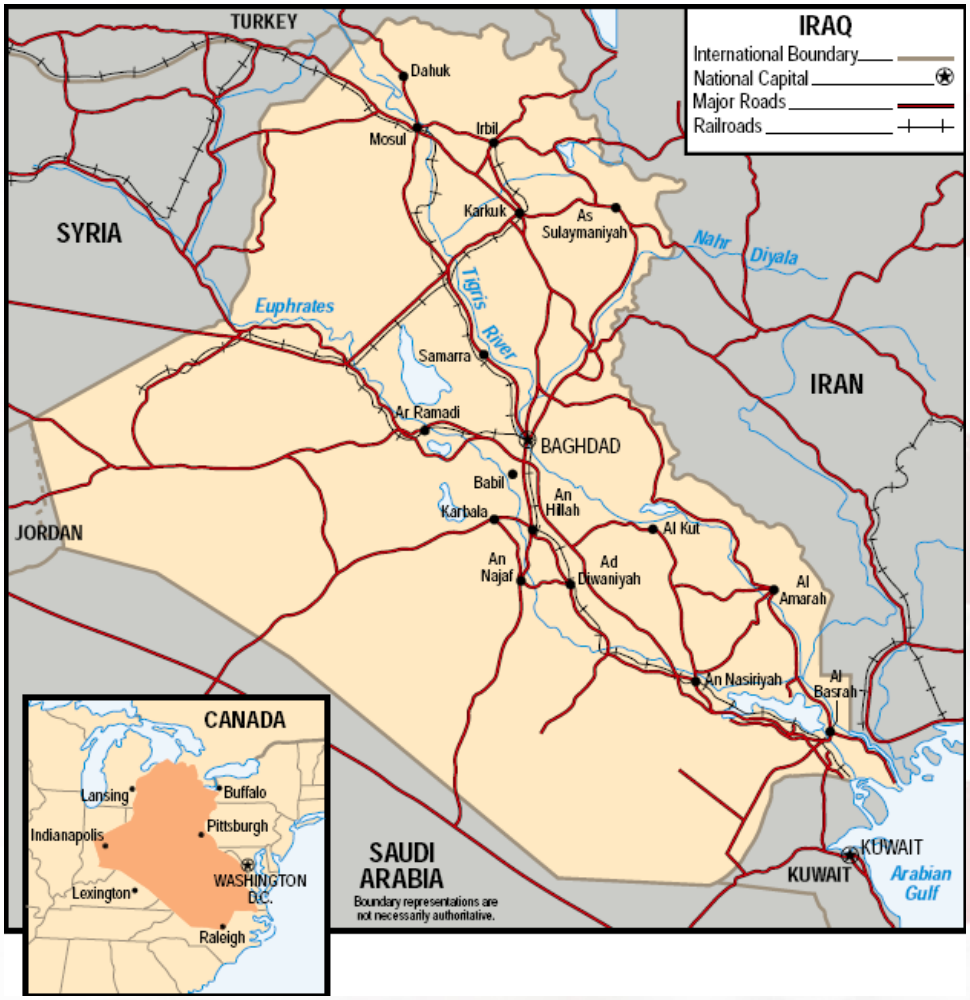
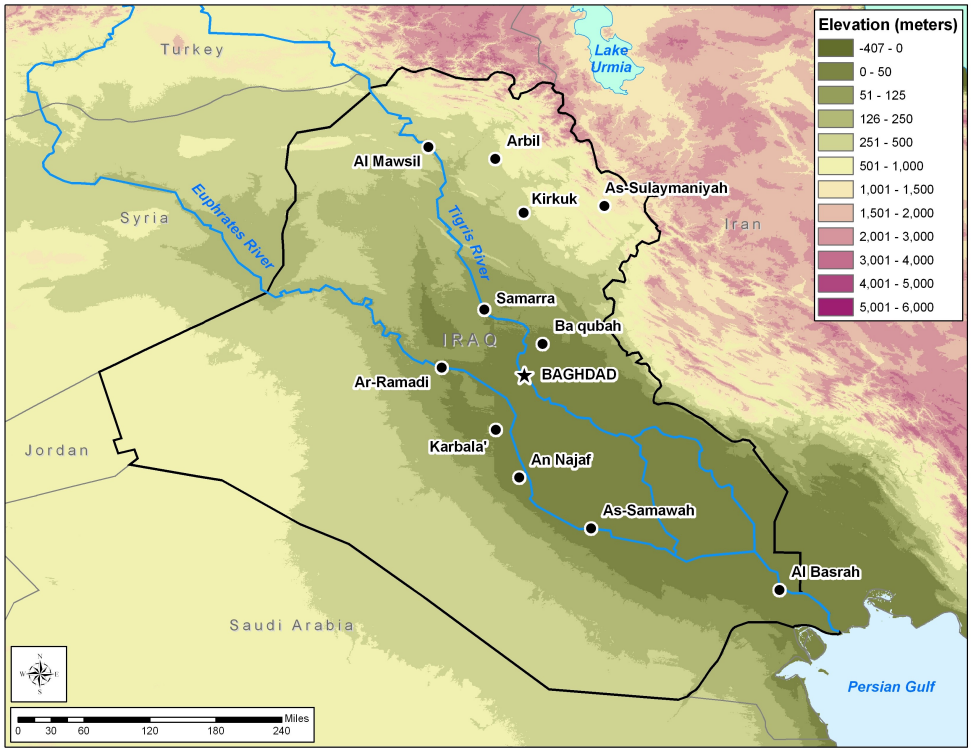
IRAQ

- Plagued by internal & externa conflict
- Deteriorated infrastructure



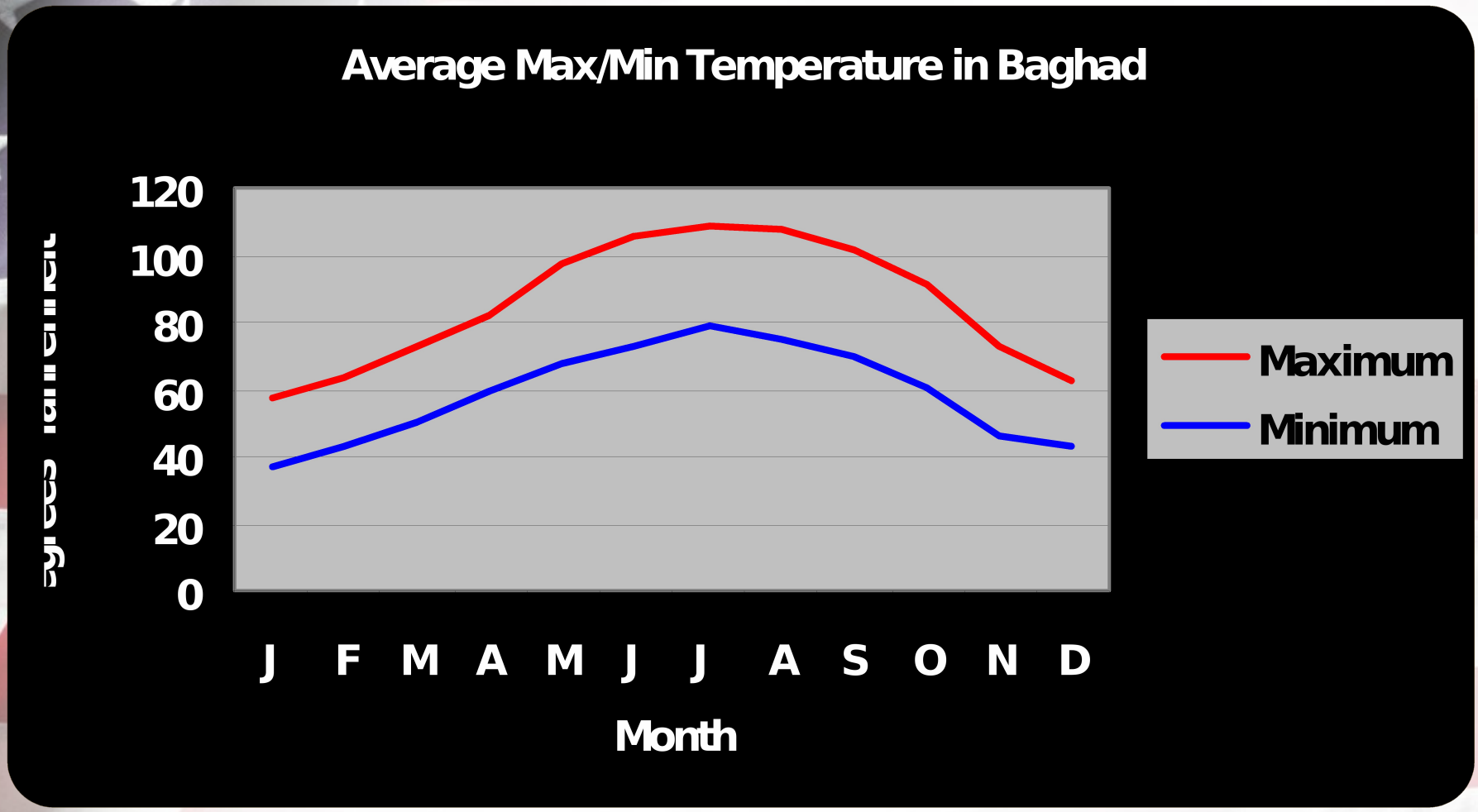
Physical Environment

- Topography
  - **Broad Desert Plains**
  - **Hills**
  - **Mountains**
- Climate
  - **Temp extremes**
  - **122° F day**
  - **37° F night**

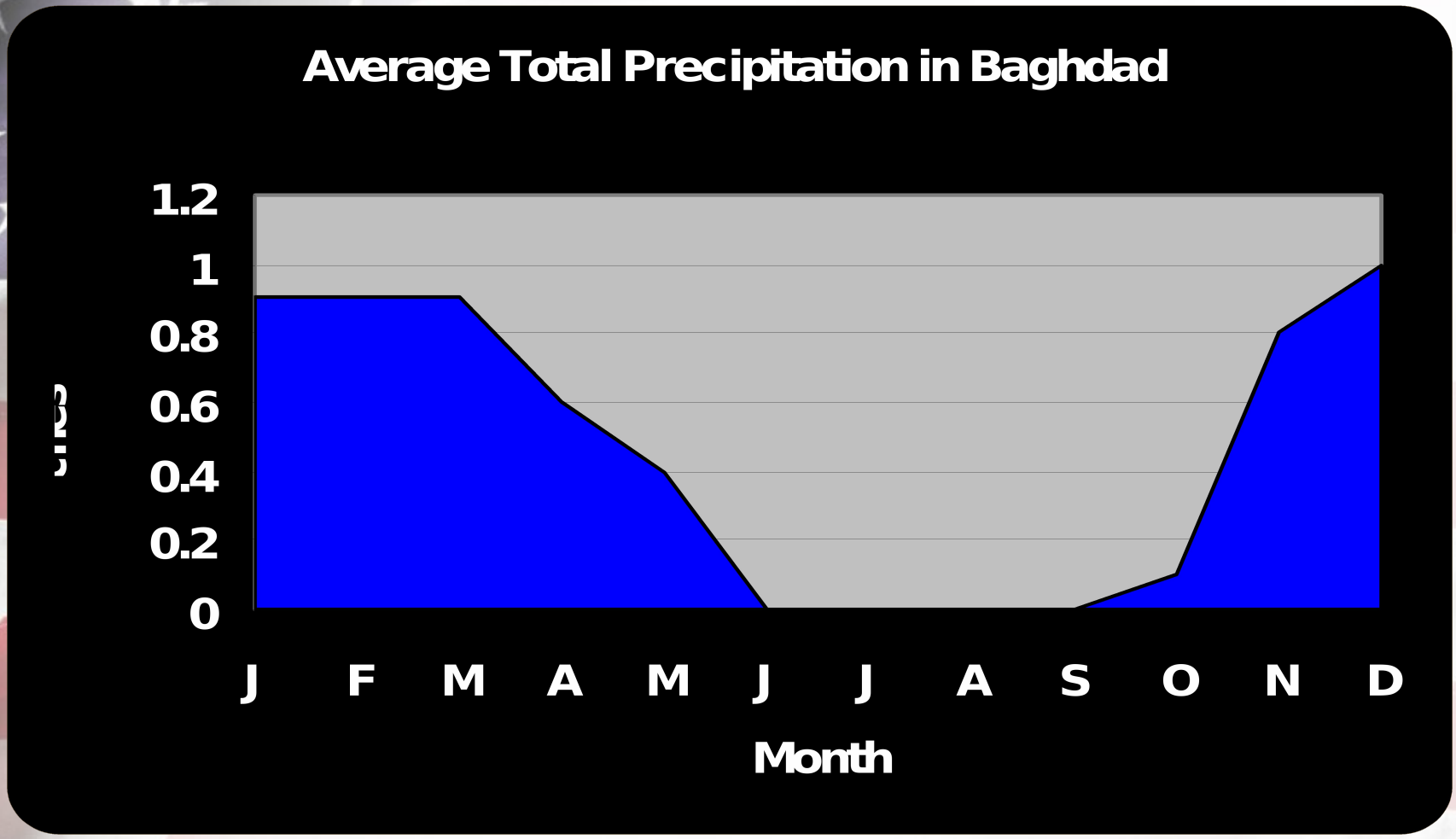


Dust and sandstorms occur year-round; most severe between May and October

Physical Environment



Physical Environment



Environmental Health Risk

- Greatest short-term health risks
  - Ingestion of food or water contaminated with fecal pathogens.
  - Extreme heat, high altitude, and airborne dust and sand

- Greatest long term ris
  are associated
  contamination and
  chemical contaminatio
  of food/water

Infectious Disease Risk

- **INTERMEDIATE RISK** for infectious diseases

- Disease risk will adversely impact mission effectiveness unless force health protection measures are implemented

Infectious Diseases

- Foodborne and Waterborne Diseases
  - **HIGH RISK** = Diarrhea, hep A, typhoid fever
  - **INTERMEDIATE RISK** = brucellosis, cholera, hep E
- FHP Priorities
  - Deploy appropriate PM personnel and equipment
  - Consume food, water, ice only from US-approved sources
  - Operate food preparation facilities in accordance with Army doctrine
  - Ensure proper hand washing facilities near all latrines and dining facilities and enforce

Infectious Diseases Cont.

- Vector-borne Diseases
  - **LOW RISK** = Malaria, Leishmaniasis, Crimean-Congo fever, Rickettsioses, Sand-fly fever, Plague, West Nile fever

- FHP Priorities
  - Use DEET on all exposed skin
  - Treat field uniforms with permethrin
  - Use bed nets in field conditions, treat with permethrin
  - **Enforce malaria chemoprophylaxis as appropriate**

Infectious Diseases Cont.

- Animal-contact Diseases
  - **INTERMEDIATE RISK** = Avian Influenza, Anthrax, Q-fever, Rabies

- FHP Priorities
  - Avoid animal contact
  - No mascots
  - Report all animal bites and scratches

What not to do!

Infectious Diseases Cont.

- Sexually Transmitted Diseases
  - **INTERMEDIATE RISK** = gonorrhea, chlamydia, HIV, Hep B
- FHP Priorities
  - Avoid sexual contact
  - Use latex condoms if sexually active

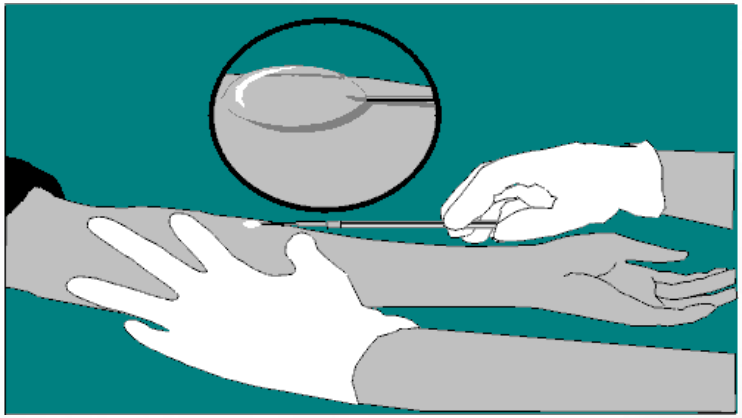
Infectious Diseases Cont.

- Water-contact Diseases
  - **INTERMEDIATE RISK** = leptospirosis, schistosomiasis
- FHP Priorities
  - avoid unnecessary contact with lakes, rivers, streams, and other surface water

There will not be a sign like this.

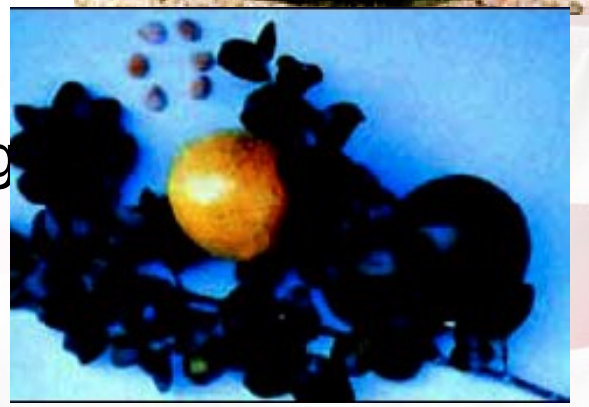
Infectious Diseases Cont.

- Respiratory Diseases
  - **INTERMEDIATE RISK** = tuberculosis
- FHP Priorities
  - Tuberculin skin test before and after deployment
  - Avoid close contact with local population



Hazardous Animals & Plants

- Animals
  - Rabid animals snakes, centipedes, scorpions, spiders
- Plants
  - Mole Plant, Belladonna, Strychnine
- FHP Priorities
  - Do not handle animals
  - Shake out boots, clothing, & bedding
  - Do not touch, chew, eat, or burn unfamiliar plants



SUMMARY

- Physical Environment
- Infectious Diseases = **Intermediate Risk**
- Hazardous Animals and Plants
- FHP measures are simple and
  - Use and Enforce
  - Will conserve the fighting streng